An ASTRONOMICAL DIARY,
OR, AN

ALMANACK

For the Year of our LORD CHRIST,

1743.

And from the CREATION of the WORLD according to the best of prophane *History*, 5693.
And by the Account of the *Holy Scriptures*, 5645.

Being the third Year after **Bissextile**, Or, LEAP YEAR,

And the Sixteenth Year of the Reign of our most gracious Sovereign King *GEORGE* II.

Wherein are contained the Lunations, Eclipses of the Luminaries, Aspects, Sun & Moon's Rising and Setting, Time of High Water, Courts, Spring Tides, Judgment of the Weather, *&c.*

Calculated for the Meridian of BOSTON *in* NEW-ENGLAND, Lat. 42 Deg. 25 Min. North.

By *Nathanael Ames.*

GREAT Nature's watchful Eye, the SUN
At GOD's Command ascends the Skies,
Wide o'er the World with vast Survey,
He bid the wond'rous Planet rise,
Around his Orb in measur'd dance
The circling Hours and Months appear,
The swift-wing'd Minutes lightly move,
And mark the Periods of the rolling Year.

BOSTON in *NEW-ENGLAND*:
Printed by JOHN DRAPER, for the Booksellers, 1743.

Price Eight Pence *Single*, & Six Shillings *per Dozen.*

Of the ECLIPSES this YEAR, 1743.

THERE will be six Eclipses this Year, four of the Sun, and two of the Moon, in the following order, *viz.*

I. The First will be of the Sun, *April* 13 at 5 Morn. Invisible.

II. The Second will be of the Moon, *April* 27, Total, but below the Horizon, ergo Invisible.

III. The Third of the Sun, *May* 12, at 2 Morn, Invisible.

IV. The Fourth of the Sun, *October* 6, at 10 Morn, Invisible.

V. The Fifth will be a Visible and Total Eclipse of the Moon, *October* 21. Calculated as follows, *viz.*

	h.	*m.*	
Beginning of the Eclipse, — — —	9	2	
Beginning of Total Darkness, — —	10	2	
Middle, — — — — — —	10	50	*P. M.*
End of Total Darkness, — — —	11	38	
End and full recovery of Light, — —	12	38	
Duration of Total Darkness, — — —	1	36	
Whole Duration of the Eclipse, — —	3	36	

VI. The Sixth and last will be of the Sun, *November* 5, at 1 in the Morning, Invisible.

Of COMETS *or* BLAZING STARS.

The Inquiries *that have been occasioned by the late Appearance of a* COMET, *are so numerous as to determine me to fill up the following vacant Pages with a* few Thoughts *on that Subject.*

Nature THE NATURE of these *extraordinary Bodies* is now confest by the best *Philosophers* to be the same as that of the *Planets*, which without doubt differs in nothing *Essential* from that of the *Terraqueous Globe* which we inhabit. They are a Composition of the *same Materials*, subject to the same *Law* of *Gravitation*, and howsoever *various* and *surprizing* their *Phænomena* have been, they are *rationally* accounted for by the same *Laws* of *Matter* and *Motion* that appear in all *Terrestial Substances*. COMETS therefore might have been, in their Turn *Planets*, furnish'd with as rich a Variety of the *Necessaries* and *Conveniences* of *Animal Life*; and these in future Ages may be reduc'd to the unhappy Circumstances of those *Blazing Stars*. ——A doleful *Inheritance* reserv'd, perhaps, for the Punishment of their ancient guilty Inhabitants!

Constitution. Their present CONSTITUTION seems to be of a *Central Solid* or *Head*, surrounded with a large Appendage of *dense Vapour*, and a *Lucid Train* of the most *subtle Emanations*; or at least, this is the *apparent* and most obvious *Distinction of Parts* of a *Comet*.

Head. The HEAD is a very solid, compact and durable Composition, not inferiour, perhaps to any *Metallic Substances*: otherwise it could not indure such a prodigious Degree of

(This Account is continued in the two last Pages.) Heat

—————Uncomfortable Rain
A ſnowy Inundation hides the Plain:
Bent with the Weight the nodding Woods are ſeen,
And one bright Waſte hides all the Works of Men:
The circling Seas alone abſorbing all;
Drink the diſſolving Fleeces as they fall.

Laſt Quart. 6 Day 11 Forenoon. | Firſt Quart. 22 Day at Noon.
New Moon 14 Day 3 Afternoon. | Full Moon 28 Day 5 Night.

	M.	W.	Cour. Spr, Trd. Aſp. Weath, &c.	R	☉	S.	F.	Sea.	☽ pl.	R	☽	S.
1	7		*The Superiors are all* Retrogr.	7	26	5	1	16	12	6	54	
2	B		Some cloudy cold Weather	7	27	5	2	8	belly	8	5	
3	2		but clears up pleaſant	7	25	5	3	0	19	9	16	
4	3	Inſ. C.	*Boſton, York, & S. Kingſt.*	7	24	5	3	48	reins	10	23	
5	4		*ſo are the Affairs of many.*	7	23	5	4	32	14	11	30	
6	5		A ſpell of cloudy miſty	7	22	5	5	20	27	Morn		
7	6		☌ ☉ ☿ wet Weather	7	21	5	6	4	ſecret	0	35	
8	7		for ſome Days	7	19	5	6	48	21	1	40	
9	B		together	7	18	5	7	32	thigh	2	55	
10	2		*A Beggars Brat* ● Apoge	7	17	5	8	16	14	3	44	
11	3		*turns out to be a*	7	16	5	9	0	26	4	43	
12	4		*mighty Man, and does*	7	15	5	9	44	knees	5	33	
13	5		*wondrous Feats.*	7	14	5	10	28	20	6	28	
14	6		South Wind and a Thaw	7	13	5	11	12	legs	☽ Setts		
15	7		☌ ☉ ☿ about this Time	7	12	5	11	56	15	5	22	
16	B		About theſe Days there falls	7	11	5	12	48	19	6	27	
17	2		a great Quantity of Rain or	7	8	5	1	40	feet	7	33	
18	3	Inſ. C.	*Barnſt.* ☌ ☿ ☿ Snow	7	9	5	2	28	25	8	40	
19	4		Prince *WALES* born for	7	7	5	3	20	head	9	48	
20	5		the Time	7	6	5	4	8	22	10	57	
21	6		*Money and Wood are very*	7	5	5	4	56	neck	Morn		
22	7		*neceſſary; but where ſhall*	7	4	5	5	48	19	0	12	
23	B		*we have them?*	7	3	5	6	40	arms	1	28	
24	2		Falling Weather ● Perige	7	2	5	7	39	18	2	38	
25	3	Sup. C.	*Charleſtown*	7	1	5	8	28	breaſt	3	53	
26	4		Now look out for	7	0	5	9	24	17	4	56	
27	5		☌ ♄ ♂ violent Winds and a	6	59	6	10	16	heart	5	54	
28	6		☿ ♂ ☿ right cold	6	58	6	11	8	15	☽ Riſes		
29	7		☿ ♄ ☿ driving	6	56	6	12	0	29	5	48	
30	B		Winter-like Storm	6	55	6	12	48	belly	6	53	
31	2		of Snow.	6	54	6	1	36	26	8	8	

THE lovely Queen of silent Shades,
The *Moon*, in trembling streams of Light,
Wheels her pale Chariot slowly on
O'er the soft Bosom of the Night:
Millions of bright refulgent Worlds,
Heavens glitt'ring Lamps are seen to rise;
They as her Virgin Train appear,
And she the fair Vicegerent of the Skies.

Last Quart. 5 Day 11 Forenoon. | First Quart. 20 Day 7 Morn.
New Moon 13 Day 5 Morn. | Full Moon 27 Day 7 Morn.

	M.	W.	Cour. Spr, Tid. Asp. Weath, &c.	R	☉ S.	F. Sea.	☽ pl.	R	☽ S
1	3	Sup. C. *Portsm.* Inf. C. *Worcest.*	6	52	2	20	reins	9	13
2	4	An opening ☌ ♂ ♀	6	50	3	8	10	10	18
3	5	of the Gates of ☌ ♄ ♀	6	48	3	56	secret	11	20
4	6	Heav'n, thro' which ☌ ♃ ☿	6	47	4	40	15	Morn	
5	7	descends a plenty of wet,	6	46	5	24	27	0	22
6	B	warm, smoaky, but ☌ ☉ ♂	6	45	6	8	thigh	1	22
7	2	clears up cold (● Apoge	6	44	6	52	21	2	22
8	3	Sup. C. *Boston*, Inf. C *N. Hampt.*	6	42	7	40	knees	3	22
9	4	☌ ☉ ♄ Now a Storm, then	6	40	8	24	16	4	08
10	5	☌ ♄ ♀ pleasant	6	39	9	12	29	4	55
11	6	No very High spring Tides	6	38	10	0	legs	5	46
12	7	this Month, unless bro't in	6	37	10	52	26	6	12
13	B	by a *N. E.* Wind	6	36	11	40	feet	☾ Sets	
14	2	A light small Snow	6	35	12	28	22	6	37
15	3	Sup. C. *Fairfield*	6	34	1	16	head	7	45
16	4	Warm	6	32	2	8	19	8	53
17	5	south Winds,	6	30	3	0	neck	10	7
18	6	and Rain ☌ ☉ ♃	6	29	3	48	16	11	22
19	7	Clears off cold	6	28	4	40	arms	Morn	
20	B	*If Men are* ● Perige	6	27	5	32	14	0	34
21	2	*rul'd by the Planets*, ☌'s	6	26	6	20	27	1	49
22	3	Sup. C. *New-Haven will*	6	24	7	16	breast	2	51
23	4	*spring up among all*	6	22	8	8	26	3	48
24	5	*Parties this Month.*	6	20	8	56	heart	4	37
25	6	Tides rise middling full	6	19	9	39	23	5	18
26	7	☌ ☉ ☿ South Wind and	6	17	10	30	belly	5	55
27	B	Rain; but if it should be	6	16	11	24	19	☽ Rises	
28	2	East Wind & Snow, excuse me	6	15	12	12	reins	7	15

——————Are we depriv'd of Will ;
Muſt we not wiſh for fear of wiſhing Ill ?
Receive my Counſel and ſecurely move,
Entruſt thy Fortune to the Powers above ;
Leave them to manage for thee, and to grant
What their unerring Wiſdom ſees thee want.

Laſt Quart. 7 Day 2 Morn. | First Quart. 21 Day 3 Afternoon
New Moon 14 Day 5 Aftern. | Full Moon 28 Day 9 Night.

	M.	W.	Cour.	Spr, Tid. Aſp. Weath. &c.	R	☉	S	F. Sea	☽ pl.	R	☽	S
1	3	Inf.	C.	*Plymouth, N. Hampton*,	6	13	6	1 4	18	8	16	
2	4			(*Duke's County*, Sup. C	*Hartf.*	6	11	6	1 52	ſecret	9	21
3	5	Inf.	C.	*Portſmouth*		6	10	6	2 36	13	10	22
4	6			Dirty Weather, and bad		6	09	6	3 24	25	11	23
5	7			Travelling		6	07	6	4 8	thigh	Morn	
6	B			● Apoge		6	05	6	4 52	20	0	20
7	2			*Great Strife for a meer Bubble*		6	04	6	5 36	knees	1	17
8	3	Inf.	C.	*Charlſtown*		6	03	6	6 20	14	2	7
9	4			No remarkable ſpring Tides		6	01	6	7 4	26	2	51
10	5			this Month		6	00	6	7 48	legs	3	26
11	6			A gentle winter-diſſolv-		5	59	7	8 32	20	3	56
12	7			ing Rain		5	57	7	9 20	feet	4	26
13	B			△ ♂ ♀ and pleaſant		5	56	7	10 8	16	4	53
14	2			afterward		5	55	7	11 0	head	☽ Set	
15	3	Sup.	C.	*Windham*, Inf C	*Barnſt*	5	53	7	11 56	15	7	
16	4			*A ſtrange Confuſion*		5	52	7	12 48	29	8	
17	5			*in ſome Heads*		5	50	7	1 40	neck	9	
18	6			*full of Conceit*		5	48	7	2 32	27	10	
19	7	Great		Signs of a ● Perige		5	46	7	3 24	arms	11	
20	B			△ ♄ ♀ cold Storm		5	44	7	4 16	25	Morn	
21	2			follow'd with		5	43	7	5 8	breaſt	0	
22	3			great ſhows		5	42	7	5 0	23	1	
23	4			of Snow and Hail		5	40	7	6 48	heart	2	
24	5			after which cold enough		5	39	7	7 40	20	3	
25	6			to bear the Fire		5	38	7	8 36	belly	4	
26	7	△	♅	♀ And then ſome		5	37	7	9 24	18	4	
27	B			pleaſant warm Weather		5	36	7	10 8	reins	4	
28	2			concludes		5	34	7	10 58	13	☽ R	
29	3	Sup.	C.	*Norwich*, Inf. C.	*Ipſw.*	5	33	7	11 46	26	7	
30	4	△	☉	♂ (*N. Port & Nantucket*		5	31	7	12 34	ſecret	8	
31	5			the Month		5	30	7	1 18	21	9	

CURST is the Man, and void of Law and Right,
Unworthy Property, unworthy Light,
Unfit for *publick Rule, or private Care*
That Wretch, that does unjustly move a War
Whose Lust is Murder, and whose horrid Joy
To tear his Country, and his Kind destroy.

Last Quart. 5 Day 11 Night. | First Quart. 19 Day 11 Night.
New Moon 13 Day 5 Morn. | Full Moon 27 Day 10 Foren

M.	W.	Cour. Spr, Tid. Asp. Weath. &c.	R	☉	S	F. Sea	☽ pl.	R	☽	S
1	6	Some pleasant promising	5	28	7	2 2	thigh	10		22
2	7	spring-like ● Apoge	5	27	7	2 46	15	11		21
3	B	Weather about	5	26	7	3 30	28	Morn		
4	2	this Time.	5	24	7	4 14	knee	0		9
5	3	Inf. C. *Boston, York & N. Haven*	5	23	7	4 58	21	0		53
6	4	Cloudy and	5	22	7	5 42	legs	1		36
7	5	△ ☉ ♄ wet	5	20	7	6 26	16	2		9
8	6	□ ♂ ♀ perhaps Thunder	5	19	7	7 10	28	2		39
9	7	and many Showers	5	17	7	7 58	feet	3		7
10	B	and afterwards	5	16	7	8 50	25	3		33
11	2	a fine refreshing Air	5	14	7	9 46	head	3		58
12	3	Inf. C *Bristol & Hartford*	5	13	7	10 34	23	4		23
13	4	△ ☉ ♃ Spreading Clouds	5	12	7	11 28	neck	☾	Setts	
14	5	□ ♄ ♀ south Wind	5	11	7	12 20	21	8		55
15	6	and Rain	5	10	7	1 16	arms	9		45
16	7	Then a *N. E.* Wind ● Peri.	5	9	7	2 8	20	10		58
17	B	threatning a Storm	5	7	7	3 4	breast	11		58
18	2	*A remarkable Affair happens*	5	6	7	3 52	18	Morn		
19	3	Inf. C, *Fairfield* □ ♃ ♀ *which*	5	4	7	4 48	heart	0		52
20	4	▲ ♂ ☿ pleasant Weath. *causes*	5	3	7	5 36	16	1		37
21	5	*much Speculation*	5	2	7	6 24	29	2		17
22	6	△ ♄ ☿ Easterly cold Wind	5	1	7	7 8	belly	2		49
23	7	*among the curious and*	5	0	7	7 50	26	3		16
24	B	*inquisitive, who love to Talk*	4	58	8	8 40	reins	3		43
25	2	△ ♃ ☿ *much, and Work little.*	4	58	8	9 32	22	4		10
26	3	Brisk Gales of Wind, and	4	56	8	10 20	ecret	4		33
27	4	cloudy, and wet, if I'm not	4	55	8	11 12	17	☽	Rises	
28	5	*Now may illiterate* mistaken	4	54	8	11 58	29	8		27
29	6	*Pedlars in Divinity take up*	4	53	8	12 42	high	9		26
30	7	*their Hoes, & go to planting* ● A	4	52	8	1 26	24	10		25

NOW Winters rage abates, now chearful Hours
Awake the Spring, and Spring awakes the Flowers.
The opening Buds salute the welcome Day,
And Earth relenting, feels the genial Ray.
The Blossoms blow, the Birds on Bushes sing;
And Nature has accomplish'd all the Spring.

Last Quart. 5 Day 5 Afternoon. | First Quart. 19 Day 7 Morn.
New Moon 12 Day 3 Aftern. | Full Moon 27 Day 3 Morn.

M.	W.	Cour. Spr, Tid. Asp. Weath. &c.	R ☉	S	F. Sea	☽ pl.	R	☽	S
1	B	*There will be a vast*	4 51	8	2	10 knees	11	18	
2	2	*Quantity of Bread and*	4 49	8	2	54 16	Morn		
3	3	*Wine rain'd down not*	4 48	8	3	38 29	0	3	
4	4	Gen. ELECTION *New Port*	4 47	8	4	22 legs	0	38	
5	5	*many Days* ☌ ☉ ☿	4 46	8	5	6 22	1	8	
6	6	*hence*	4 44	8	5	50 feet	1	34	
7	7	The cold *May Storm* □ ♄ ☿	4 44	8	6	42 19	2	8	
8	B	comes on ✱ ♄ ♀	4 43	8	7	30 head	2	29	
9	2	about these Days □ ☉ ♄	4 42	8	8	22 16	2	55	
10	3	Sup. C. *Ipswich*, Inf. C. *Worcest.*	4 41	8	9	14 neck	3	20	
11	4	Smart Gales (□ ♃ ☿	4 40	8	10	10 15	3	54	
12	5	Gen. ELECTION *Hartford*	4 39	8	11	6 arms	☾	Setts	
13	6	High Tides ● Perige	4 38	8	12	2 15	8	41	
14	7	✱ ☌ ♀ Many Showers	4 38	8	12	58 breast	9	52	
15	B	✱ ♃ ♀ then pleasant, but in-	4 37	8	1	54 15	10	45	
16	2	□ ☉ ☌ creasing Heat and	4 36	8	2	50 heart	11	37	
17	3	Inf. C. *Cambridge & Plymouth*	4 35	8	3	42 13	Morn		
18	4	it may be (□ ☉ ♃	4 34	8	4	34 28	0	15	
19	5	Thunder & Lightning	4 33	8	5	22 belly	0	56	
20	6	for several Evenings	4 33	8	6	14 24	1	19	
21	7	More Rain, and a fine	4 32	8	7	2 reins	1	40	
22	B	growing Season, which	4 31	8	7	46 19	2	2	
23	2	makes the Farmer chearful	4 31	8	8	30 secret	2	23	
24	3	Inf. C. *New-Port*	4 30	8	9	14 13	2	45	
25	4	Gen. ELECTION *BOSTON*	4 30	8	9	58 26	3	9	
26	5	*The Ladys now appear in*	4 29	8	10	42 thigh	3	42	
27	6	Now & ✱ ♃ ☿ *all* ● Apoge	4 29	8	11	26 20	☽	Rises	
28	7	then comes a ✱ ☌ ☿ *their gay*	4 28	8	12	10 knees	9	3	
29	B	Shower, and then *Attire.*	4 28	8	12	54 13	9	46	
30	2	a Storm, which	4 28	8	1	38 26	10	17	
31	3	I never thought of.	4 27	8	1	22 legs	10	47	

NOW from on high *Sol* darts his Fires;
The glowing Breaſt to tranſport Warms;
Life bounds afreſh with ſoft Deſires,
And roſy Beauty ſweetly charms:
His flaming Arrows pierce the Flood,
And to the bottom bake the Mud.

Laſt Quart. 4 Day 2 Morn. | Firſt Quart. 17 Day 4 Afternoon
New Moon 10 Day 8 Night. | Full Moon 25 Day 4 Afternoon.

		M.W.Cour.Spr,Tid.Aſp.Weath.&c.	R ☉ S	F.Sea	☽ pl.	R	☽ S
1	4	Great watery Clouds,	4 27 8	3 6	20	11	17
2	5	come over, which	4 27 8	3 50	feet	11	45
3	6	increaſe to Showers	4 27 8	4 38	15	Morn	
4	7	Foggy Mornings; and	4 27 8	5 26	26	0	10
5	B	pretty hot Days follow	4 27 8	6 14	head	0	34
6	2	Art. ELECTION *Boſton*	4 26 8	7 2	24	0	57
7	3	Inf. C. *Providence*	4 26 8	7 54	neck	1	20
8	4	Flying Clouds	4 26 8	8 50	23	1	52
9	5	Inf. C. *Portſmouth*	4 26 8	9 46	arms	2	24
10	6	Very High Tides ● Perige	4 26 8	10 42	24	☾	Sets
11	7	K. *GEORGE* II, beg to Reign	4 26 8	11 38	breaſt	8	43
12	B	cloudy ☌ ☉ ♄ (1727	4 26 8	12 34	23	9	37
13	2	and perhaps Rain	4 26 8	1 30	heart	10	17
14	3	Inf. C. *Briſtol* and *N London*	4 26 8	2 22	22	10	56
15	4	Thunder, Rain and Hail	4 26 8	3 1,	belly	11	23
16	5	in ſome Places	4 27 8	4 10	21	11	50
17	6	*A great Politician*	4 27 8	4 56	reins	Morn	
18	7	*comes off harmleſs*	4 27 8	5 44	16	0	14
19	B	*by a cunning Artifice,*	4 27 8	6 28	29	0	37
20	2	*contrary to Expectation.*	4 27 8	7 12	ſecret	1	10
21	3	Briſk Winds ☌ ☉ ♃	4 28 8	7 56	22	1	36
22	4	Sup, C. *York* pretty hot	4 28 8	8 40	thigh	2	2
23	5	Weather, perhaps	4 28 8	9 24	18	2	38
24	6	Thunder ● Apoge	4 29 8	10 8	knees	3	18
25	7	Small ſpring Tides	4 29 8	10 52	12	☽	Riſes
26	B	*A pretended Patriot*	4 30 8	11 44	23	8	42
27	2	*turns out a meer Biggot*	4 30 8	12 26	legs	9	16
28	3	Inf. C. *Windh.* & *S. Kingſton*	4 31 8	1 14	17	9	46
29	4	*vile* Self *is at the Bottom*	4 31 8	2 2	feet	10	14
30	5	*of his plauſible Projections.*	4 32 8	2 54	23	10	48

THE early Fields are now in plight,
To yield the *Harveſter* Delight:
The ripened Grain on riſing Fields,
A moſt delightful Proſpect yeilds;
In even Ranks the waving Heads appear.
Bend with the fruitful Load and crown the luſty Year.

Laſt Quart. 3 Day 10 Forenoon. | Firſt Quart 17 Day 2 Morn.
New Moon 10 Day 7 Morn. | Full Moon 25 Day 7 Morn.

	M.	W.	Cour. Spr, Tid. Aſp. Weath. &c.	R	☉	S	F.	Sea	☽ pl.	R	☽	S
1	6		Some ſudden catching	4	32	8	3	46	26	11		11
2	7		☌ ♄ ☿ Showers about	4	33	8	4	34	head	11		33
3	8		theſe Days	4	34	8	5	22	22	11		54
4	2		Some Tokens (☌ ☉ ☿	4	34	8	6	10	neck	Morn		
5	3		Inf. C. *Boſton, York & Barnſt.*	4	35	8	7	2	18	0		24
6	4		COMMENC. *Cambridge*	4	36	8	7	54	arms	0		54
7	5		of Rain about ● Perige	4	37	8	8	46	16	1		32
8	6		theſe Days	4	37	8	9	42	breaſt	2		19
9	7		High Tides at the Change	4	38	8	10	38	16	3		12
10	8		Very hot ſultry	4	39	8	11	30	heart	☽ Setts		
11	2		Weather, and much Thunder	4	40	8	12	26	15	8		2
12	3		Sup. C, *Plymouth*, Inf. C. *Salem*	4	41	8	1	22	belly	8		41
13	4		about ☌ ☿	4	42	8	2	18	15	9		8
14	5		DOG DAYS BEGIN	4	43	8	3	14	reins	9		35
15	6		this Time	4	44	8	4	2	13	9		59
16	7		Sweet refreſhing	4	45	8	4	50	26	10		22
17	8		✶ ☿ ☿ Showers	4	46	8	5	34	ſecret	10		48
18	2		in ſome Places	4	47	8	6	18	20	11		14
19	3		Sup. C. *Barnſtable.* Mr. Der-	4	48	8	7	2	thigh	11		54
20	4		ham *ſays, That if it Rains*	4	49	8	7	46	14	Morn		
21	5		Frogs, *it may at* ● Apoge	4	50	8	8	30	26	0		38
22	6		*probably rain* Calves,	4	51	8	9	14	knees	1		27
23	7		Small ſpring Tides	4	52	8	9	58	19	2		19
24	8		*You may believe it,*	4	53	8	10	42	legs	3		11
25	2		*if you pleaſe.*	4	54	8	11	21	14	☽ Riſes		
26	3		Spreading white Clouds,	4	55	8	12	14	27	8		11
27	4		then very Hot	4	56	8	12	58	feet	8		37
28	5		afterwards looks black & Thun	4	57	8	1	46	22	8		52
29	6		*Indian Corn grows by Day,*	4	59	8	2	30	head	9		16
30	7		*and the Fleas bite by*	5	00	7	3	18	17	9		40
31	8		*Night.*	5	01	7	4	6	neck	10		3

GOD! The small Ants do thy Protection share,
By thee advis'd to save their Wintry Store;
Their little Commonwealth employs thy Care,
Too wise to want, too frugal to be poor:
Well may they shame the puzzled Schemes of Man,
Since from thy Thought divine, they drew the wond'rous Plan.

Last Quart. 1 Day. 7 Night. | First Quart. 15 Day 10 Night.
New Moon 8 Day 4 Aftern. | F.M. 23 D 9 N. L.Q. 31 D 3 M.

		M.W.Cour	Spr,Tid.	Asp.	Weath. &c.	R	☉ S	F.Sea	☽ pl.	R	D	S
1	2		*Make Hay while you may*			5	02	7	5 2	15	10	35
2	3	Sup	C. *Cambr.* & *Portsmouth*			5	03	7	5 50	28	11	7
3	4		A speil of catching			5	05	7	6 48	arms	11	52
4	5		unsettled Weather			5	06	7	7 40	26	Morn	
5	6		which at length ● Perige			5	07	7	8 36	breast	0	44
6	7		may issue in a Storm			5	08	7	9 32	26	1	49
7	8		with much Rain			5	09	7	10 24	heart	2	59
8	2		Pretty high Tides			5	10	7	11 1-	23	☾ Sets	
9	3		*A strange Appearance*			5	12	7	12 4	belly	7	33
10	4		*of many Colours.*			5	13	7	12 56	21	8	1
11	5		Hot Weather, many			5	14	7	1 48	reins	8	28
12	6		Showers and			5	16	7	2 40	19	8	55
13	7		smart Thunder			5	17	7	3 24	secret	9	20
14	8		* ♂ ☿ Sudden Gusts			5	19	7	4 12	12	9	47
15	2		☌ Wind and Hail			5	21	7	4 56	26	10	14
16	3	Sup	C. *Boston* and *Fairfield*			5	23	7	5 40	thigh	10	55
17	4		(Inf'C. *Worcester*			5	24	7	6 24	20	11	36
18	5		♂ ☉ ☿ Windy ● Apoge			5	26	7	7 8	knees	Morn	
19	6		*A great Noise about* ——			5	27	7	7 56	15	0	27
20	7	♂	♄ ☿ A serious *Nothing*,			5	28	7	8 40	27	1	18
21	8	♂	♀ ♂ Rain			5	30	7	9 28	legs	2	13
22	2		with little Wind			5	31	7	10 12	22	3	10
23	3		Small Tides			5	33	7	10 56	feet	☽ Rises	
24	4		*The Truth appears plain,*			5	34	7	11 44	18	7	8
25	5		*by the Liberty*			5	36	7	12 32	head	7	33
26	6		*of the Press.*			5	37	7	1 24	14	7	57
27	7		Heat and Thunder, with			5	38	7	2 12	27	8	20
28	8		♂ ♃ ☿ mighty Gusts of			5	40	7	3 4	neck	8	52
29	2		Wind in some Places			5	41	7	3 52	24	9	24
30	3	Sup.	C. *N. Haven*, Inf C *Spring*			5	43	7	4 44	arms	10	9
31	4		(*field & Concord*			5	44	7	5 36	22	10	58

HERE I enjoy my private Thoughts, nor care
What rot the Sheep for southern Winds prepare:
Survey the neighbouring Fields, and not repine
When I behold a larger Crop than mine.
To see a Beggars Brat in Riches flow,
Adds not a Wrinkle to my even Brow.

New Moon 6 Day 11 Night. | Full Moon 22 Day 9 Foren.
First Quart. 14 Day 2 Aftern. | Last Quart. 29 Day 9 Foren.

	W. Cour. Spr, Tid. Asp. Weath. &c.	R	☉	S.	F. Sea	☽ pl.	R	☽	S
5	Cloudy wet ● Perige	5	45	7	6 28	breast	11	58	
6	Weather, and clears off	5	46	7	7 24	21	Morn		
7	with cool Mornings	5	47	7	8 12	heart	1	3	
8	and Evenings	5	49	7	9 4	18	2	15	
2	Something of Tides	5	50	7	10 0	belly	3	28	
3	Sup. C. *Hartf.* and *N. Port*	5	52	7	10 52	17	☾	Setts	
4	Cloudy brisk Wind ☌ ☉ ♃	5	53	7	11 48	reins	6	43	
5	and perhaps some (✶ ♄ ♂	5	55	7	12 40	16	7	9	
6	Thunder Then follows	5	56	7	1 28	29	7	34	
7	a warm plentiful ☌ ♂ ☽	5	57	7	2 12	secret	8	2	
8	Rain ✶ ♄ ♀	5	58	7	3 56	24	8	30	
2	with a south Wind	5	59	7	3 44	thigh	9	12	
3	Inf. C. *Briſtol*	6	0	6	4 28	18	9	54	
4	COMMENCE. *New-Haven*	6	1	6	5 12	knees	10	46	
5	Inf. C. *Portſm.* ● Apoge	6	2	6	5 56	12	11	28	
6	*Perhaps a ſudden Froſt,*	6	4	6	6 44	25	Morn		
7	*by which the tender Plants*	6	5	6	7 28	legs	0	30	
8	*are loſt.*	6	6	6	8 12	19	1	29	
2	Windy	6	7	6	8 56	feet	2	28	
3	Sup. C. *Worceſter & Windham*	6	9	6	9 40	13	3	33	
4	A ſpell of (and Inf. C. *Plym.*	6	10	6	10 32	27	4	38	
5	Fair pleaſant Weather	6	11	6	11 18	head	☽	Rises	
6	*When the Clergy are at the*	6	13	6	12 6	23	6	35	
7	*bottom of the Plot, they*	6	14	6	12 58	neck	7	7	
8	*are wiſe enough to ſlip*	6	16	6	1 50	21	7	39	
2	*their Necks out of the Collar*	6	17	6	2 42	arms	8	24	
3	Sup C. *Springfield & N. Lond*	6	19	6	3 34	19	9	13	
4	✶ ♄ ☿ (& Inf. C. *Newbury*	6	21	6	4 26	breast	10	13	
5	A cold N. E. Wind ● Perig	6	23	6	5 18	17	11	18	
6	*and leave the Laity to ſuffer.*	6	24	6	6 10	heart	Morn		

THE *Sun* now ſhoots his milder Ray,
And downward drives the falling Day;
Cool Evening now its Beauty rears
And bluſhes in its dewy Tears.
The wand'ring Flocks no longer Rove,
But ſeek the Covert of the Grove.

New Moon 6 Day 10 Morn. | Full Moon 21 Day 11 Nig
Firſt Quart. 14 Day at Noon. | Laſt Quart. 28 Day 7 Nig

M	W.	Jour Spr, Tid. Aſp. Weath &c.	ROS	F.	Sea	D pl.	R	D
1	7	*A ſudden Blaſt*	6	6	6	58	13	0
2	1	*blows up a Scheme*	6	28	6	7	50	25	1
3	2	Some cloudy rainy *which*	6	29	6	8	38	belly	2
4	3	Inf. C *Boſton Fairs. has been*	6	30	6	9	28	24	4
5	4	and *Nantucket*) Weath. *long*	6	32	6	10	18	reins	5
6	5	*a hatching by an old Fox*	6	34	6	11	14	22	D S
7	6	*that has more Craft than*	6	35	6	12	2	ſecret	6
8	7	*Honeſty.*	6	37	6	12	50	19	6
9	B	Smoaky warm Weather	6	39	6	1	38	thigh	7
10	2	follow'd with cold	6	40	6	2	22	14	7
11	3	K. *GEORGE* II crown'd 1727	6	41	6	3	6	26	8
12	4	Gen. C *New-Haven*	6	42	6	3	50	knees	9
13	5	☽ Apoge *A great Struggle*	6	43	6	4	34	19	10
14	6	*between a great Man & little*	6	44	6	5	18	legs	11
15	7	*Woman for the Maſtery,*	6	45	6	6	2	14	M
16	B	No high Tides *She gets the*	6	47	6	6	46	26	C
17	2	this Month. *Day.* Now	6	48	6	7	30	feet	1
18	3	Inf. C. *Burnt.* comes Rain	6	49	6	8	14	20	2
19	4	preparatory for the Winter	6	50	6	9	6	head	3
20	5	Venus *is mighty loving with*	6	51	6	9	54	17	4
21	6	☽ Eclipſe viſible & total.	6	53	6	10	46	neck	D
22	7	✱ ♄ ♀ Saturn, *I don't*	6	54	6	11	34	14	
23	B	*know what ſhe means by't.*	6	55	6	12	30	29	
24	2	✱ ♄ ☿ Much wet	6	56	6	1	26	arms	
25	3	Inf. C. *Edgartown* ☌ ☉ ♀	6	58	6	2	22	29	
26	4	Sap. C *Briſtol* ☌ ☉ ☿	7	00	5	3	18	breaſt	
27	5	Weather, great ☽ Perige	7	01	5	4	10	28	
28	6	Rains about □ ♄ ♂	7	02	5	4	51	heart	
29	7	this Time ✱ ☉ ♄	7	04	5	5	52	25	
30	B	K. *GEORGE* II born 1683.	7	05	5	6	38	belly	
31	2	(☌ ♀ ☿	7	06	5	7	30	22	

Beauty and Strength, and Wit, and Wealth, and Power,
Have their short flourishing Hour;
And love to see themselves, and smile,
And joy in their Pre eminence a while;
E'en so in the same Land,
Poor Weed, rich Corn, gay Flowers together stand:
Alas! Death mows down all with an impartial Hand.

New Moon 5 Day 2 Morn. | Full Moon 20 Day 11 Foren.
First Quart. 13 Day 3 Morn. | Last Quart. 27 Day 5 Morn.

	I.W.	Cour. Spr, Tid. Asp. Weath. &c.	R	☉	S	F. Sea	☽ pl.	R	S	☽
1	3	Inf. C. *Worcest*, & *Hartford*	7	6	5	8 18	reins	2	46	
2	4	*It is Time to begin to think*	7	7	5	9 10	19	3	58	
3	5	*about* Snow *in the Almanack*,	7	8	5	9 58	secret	5	9	
4	6	*now look out for it.*	7	9	5	10 46	15	6	10	
5	7	POWDER PLOT *must be in*	7	11	5	11 34	28	☽ Setts		
6	B	*Tho' the Pope is burnt*,	7	12	5	12 18	thigh	5	40	
7	2	*he will be Pope still.*	7	13	5	1 02	22	6	23	
8	3	Sup. C. *Salem*, Inf. C. *New-Ha*	7	14	5	1 46	knees	7	14	
9	4	*ven* and *N Hampt.* ☉ Apoge	7	15	5	2 30	16	8	5	
10	5	Now you may expect	7	16	5	3 18	29	9	6	
11	6	Foggy, cloudy, cold, unplea	7	17	5	4 2	legs	10	7	
12	7	sant Weather.	7	18	5	4 46	21	11	8	
13	B	*If it should Rain* Gold, *what*	7	19	5	5 30	feet	Morn		
14	2	*Wars would be among the old.*	7	20	5	6 14	17	0	14	
15	3	Inf. C. *Fairfield* and *Newport*	7	21	5	7 6	head	1	20	
16	4	A *NE.* Wind *Misers-*	7	22	5	7 54	14	2	27	
17	5	and I may add, perhaps a	7	23	5	8 38	26	3	34	
18	6	✱ ♄ ☿ cold Storm	7	24	5	9 26	neck	4	45	
19	7	either of Rain or Snow	7	25	5	10 22	24	5	59	
20	B	High Tides at the Full	7	25	5	11 18	arms	☽ Rises		
21	2	✱ ☉ ♃ brisk Winds	7	26	5	12 14	24	5	26	
22	3	and warm Showers	7	27	5	1 6	breast	6	34	
23	4	✱ ♂ ♀ Then pleasant	7	27	5	2 2	23	7	42	
24	5	and moderate for the Season	7	28	5	2 58	heart	8	56	
25	6	*Now an Army of Swine*	7	29	5	3 54	23	10	10	
26	7	*are slain in a Day.*	7	29	5	4 43	belly	11	24	
27	B	About this Time you	7	31	5	5 36	19	Morn		
28	2	may have some more Rain	7	31	5	6 26	reins	0	36	
29	3	Inf. C. *Norwich* □ ☉ ♄	7	32	5	7 14	17	1	44	
30	4	or Snow □ ♃ ♂	7	32	5	8 02	secret	2	52	

BUT when the angry Surge begins to rage,
And thro' the boundless Waste, the Tempests roar
O Gracious God, do thou their Wrath assuage,
And bid the frightning Whirlwinds storm no more.
Let gentle Pity flow within thy Breast,
Oh! Chear his melting Soul, and give the wearied Sailor re

New Moon 4 Day 9 Night. | Full Moon 19 Day 9 Nig
First Quart. 12 Day 11 Night. | Last Quart. 26 Day 6 Nig

		M W. Cour. Spr, Tid. Asp. Weath. &c.	R	☉	S	F. Sea	☽ pl.	R	☽
1	5	A cold Season	7	32	5	8 46	12	3	
2	6	*Horns will sprout in a less*	7	32	5	9 30	24	5	
3	7	*Time than Mushrooms*	7	33	5	10 14	thigh	6	
4	B	✶ ♃ ☿ Some windy	7	33	5	10 58	18		☽ Se
5	2	△ ♄ ♂ boisterous ☽ Apoge	7	33	5	11 42	knees	4	
6	3	□ ♄ ☿ stormy Weather	7	33	5	12 26	13	5	
7	4	and then somewhat	7	34	5	1 10	26	6	
8	5	Inf, C. *Portsmouth* Cold	7	34	5	1 54	legs	7	
9	6	✶ ♄ ♀ and it may Snow	7	34	5	2 38	19	8	
10	7	But afterwards	7	34	5	3 22	feet	9	
11	B	you may find	7	34	5	4 6	13	10	
12	2	moderate Weather, and	7	34	5	4 54	26	12	
13	3	Inf. C. *Bristol, Windham* and	7	34	5	5 42	head		Mor
14	4	generally (*Providence*	7	34	5	6 30	24	1	
15	5	pleasant for the	7	34	5	7 18	neck	2	
16	6	Winter-Season *My Friend,*	7	34	5	8 10	19	3	
17	7	*This Almanack I hope has*	7	33	5	9 2	arms	4	
18	B	*help'd you in your Journey;*	7	33	5	9 58	17	6	
19	2	*but as 'tis now almost out of*	7	33	5	10 54	breast		☽ Ri
20	3	Inf. C. *Plymouth,* ● Perig *Date*	7	33	5	11 50	17	5	
21	4	A cold Storm *pray look out*	7	33	5	12 46	heart	6	
22	5	and High Tides *in Time*	7	32	5	1 42	17	7	
23	6	*for a new one.*	7	32	5	2 38	belly	8	
24	7	This Year there will be	7	32	5	3 34	17	9	
25	B	□ ☉ ♃ a right *Christmass*	7	31	5	4 22	reins	11	
26	2	△ ♄ ☿ Unsetled Weather	7	31	5	5 10	12		Mor
27	3	Int, C. *Salem* ♂ ☉ ☿	7	30	5	5 58	25	☉	
28	4	Snow and Blow, Fair	7	30	5	6 46	secret	1	
29	5	△ ☉ ♄ and then soon Foul.	7	29	5	7 30	20	2	
30	6	*Lo the Year is ended,*	7	28	5	8 18	thigh	3	
31	7	*but how have we amended?*	7	27	5	9 6	16	4	

Heat as the celebrated *Comet* of 1680, 1 must have c
its Approach to the Sun, *viz.* 2000 Times, at leaſt, g
red hot Iron. Had the Earth been in ſuch a Scituation
ſcarcely have been *Coot* again in 50,000 Years.

The ATMOSPHERE is a vaſt confuſed Collection of fluctuating Vapours and denſe Fumes, probably of moſt of the ſuperficial Parts that form a *regular Planet* in a Degree of *Dilatation* and *mutual Repulſion*, alwa
proportionate to the Degrees of Heat the *Comet* ſuſtains. Suc
was, according to the Rev. Mr. *Whiſton*'s *Theory* the *Primitive State* of the Earth deſcribed by MOSES, — the *Chaos* from which theſe *beautiful* Proſpects that cover the *Surface* of the Earth were formed and the *State* to which they will be reduc'd after its *Conflagration* by its deſtin'd Congreſs with One of its *Fellow Comets*. *Atmoſ*

The TAIL of *Comets* is one of the rareſt and moſt ſubtile Expanſions in Nature, a *Medium* very probably 50,000 Times rarer than the Air we breath; yet ſufficient to reflect the Rays of the Sun from theſe *void* Cœleſtial Spaces. They ſeem to have been at firſt darted every way equally from the *Heads*; but are driven back from that Part which is towards the *Sun* in *Parabolic* Lines, as tho' there was a *mutual Repulſion* co-operating between them and the *Sun Beams*, and in this Scituation they are always obſerv'd. *Tail.*

The uſual KINDS of Comets are divided into, have no other Diſtinction than what is derived from different *Views* of this *Lucid Train*. When that is obſerved at *right Angles*, or any great Angle they are ſaid to be *Tailed*; *Bearded* when we ſee it *Obliquely*; and *Hairy* if the Eye is in the *Direction* of its *Axis*.

The MAGNITUDES of theſe Bodies are various; but none eſteemed leſs than the *Moon*, nor any much bigger than *Venus* or the *Earth*, i. e, of a Globe of about 8000 Miles in Diameter; and it is remarkable that thoſe are the leaſt that come neareſt to the Sun; leaſt perhaps they ſhould give too great a Diſturbance to the Neighbouring *Planets* of that *Luminary*. *Magnitude.*

Their APPEARANCE is always made in the *Hemiſphere* round the *Sun*, and never till they have deſcended below the Orbit of *Jupiter* (which ſhews them to be inferiour in Magnitude to the *ſuperiour Planets*, ſince they are equally capable of reflecting Light) and their *Tails* do not ariſe till they are warm with a Degree of Heat, almoſt equal to that of the Planet *Mars*; which is about 2 5ths of what we enjoy. *Appearance.*

Their MOTION is performed like that of the *Planets* in *Elliptical Orbits* round the *Sun*; but they are very *Eccentrical* and placed in all *manner* of *Directions*. *Motion.*

The

The NUMBER of those which have been *particularly* observ'd, for at leaſt theſe 400 Years laſt paſt do not exceed 25, and of theſe the Aſtronomy of *Four* ſeems *Period*, which I ſhall abbreviate in the following *Articles*, the Year when they laſt appeared. Times of their Revolution in Years: Time when they are next expected: Mean Diſtances from the *Sun* in Millions of Engliſh Miles: Eccentricities, or leaſt and greateſt Diſtance therefrom in the ſame: Proportion of their leaſt and greateſt Diſtances: Degree of Light and Heat, compared with the *Earth*'s, at their mean Diſtances: Proportion of their leaſt and greateſt Degrees of *Light* and *Heat* at their *Peribelions* and *Aphelions*: Their mean Velocities pr. Hour in Miles: Days in which they would fall to the Sun, if their *Projectile Velocities* were ſtopt.

Comets,	I.	II.	III.	IV.
Appearance	1682	1718	1661	1680,1
Period	75 *half*	81	129	575
Expected	1758	1799	1790	2255
Mean Diſtance	1458	1534	2025	5600
Eccentricity	1410	1496	1984	5599,5
Leaſt Diſtance	48	38	41	,5
Greateſt	2964	3106	4066	11200,5
Proportion	1:60	1:80	1:100	1:20000
Light & Heat	1:324	1:357	1:625	1:6642
Prop. Great. Leaſt Diſt.	3600:1	6400:1	10000:1	400000000:1
Hor. Velocity	13000	12500	900	6000
Tim. of Deſcent	4000	5000	8000	37000

The *foregoing Articles* are not *completed* for the *Comet* which appeared *February* laſt, but thus much ſeems to have been aſcertained, viz. Its *Node*, ♑ 8 *deg.* 15 *min. Inclination* 68 *deg.* 14 *min.* *Place of its Perihelion* ♊ 7 *deg.* 33 *min. Leaſt Diſtance* from the *Sun* about 20,000,000 Miles. *Leaſt Diſtance* from the Earth about 62,000,000; and has a *Period* probably of 70 or 80 Years.

The EFFECTS of theſe *Revolving Bodies* may be very *Effects*. *extraordinary*, viz. by inducing great *Tempeſts*, *Hurricanes*, *Inundations*, *Alterations* of Rivers and the Channels of *Seas*, and laſtly, *Deluges* and *Conflagrations* on the *Planetary Bodies*, all which, in different Circumſtances, they ſeem *Naturally* capible of: But their *ordinary Effects* are more *Salutary*. viz. To recruit the waſting *Light* and *Heat* of the *Sun*: To ſupply the Expence of the Fluids of the *Planets*, and to vivify and impregnate their *Atmoſpheres* with that SPIRIT which is the Support and Food of *Animal Life*, for which, and for other Reaſons, they may be juſtly ſtiled, *The General* PHYSICIANS *of the* UNIVERSE.